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Dated: October 25 2004 Signature: Judith A. Herrick  
(Judith A. Herrick)

Docket No.: SION-P01-030  
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:  
Miller et al.

Application No.: 10/684,332

Confirmation No.: 9247

Filed: October 10, 2003

Art Unit: 2881

For: NOX MONITOR USING DIFFERENTIAL  
MOBILITY SPECTROMETRY

Examiner: Vanore, David A.

**RESPONSE TO RESTRICTION REQUIREMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

This paper is filed in response to the Restriction Requirement mailed August 24, 2004, requiring Applicants to elect one of the following groups of claims:

Species I: Claims 1-13, 15, and 17;

Species II: Claims 14-16; and

Species III: Claims 18-20.

In response to the restriction requirement, Applicants hereby provisionally elect Species I, Claims 1-13, 15, and 17, directed to a system for gas analysis comprising a soft ionization source for continued examination. This election is made without traverse, and without prejudice to prosecute the non-elected claims in related applications. Applicants also reserve the right to file a continuing application or take such other appropriate action as deemed necessary to protect the non-elected inventions.

Applicants were given two months to respond to the Restriction Requirement. Therefore, a one-month extension of time is respectfully requested. A Petition for Extension of Time and the appropriate fee are being filed concurrently.

Applicants believe no other fees are due with this response. However, if a fee is due, please charge our Deposit Account No. 18-1945, under Order No. SION-P01-030 from which the undersigned is authorized to draw.

Dated: October 25, 2004

Respectfully submitted,

By   
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